

Prestigio



Car Video Recorder

RoadRunner 420

User Manual

Version 1.0

www.prestigio.com

About this user manual

This user manual is specially designed to detail the device's functions and features.

- Please read this manual before using the device to ensure safe and proper use.
- Descriptions are based on the device's default settings.
- Prestigio continuously strives to improve its products. Due to software upgrading, some contents in this user manual may be different from your product. Prestigio reserves the rights to revise this user manual or withdraw it at any time without prior notice. Please take your product as standard.

Conventions used in this manual

In this user manual, we use the following symbols to indicate useful and important information:



Caution: provides safety precaution and important information.



Note: gives additional information.



Tips: usage tips.

- > The order of options or menus you must select to perform a step.

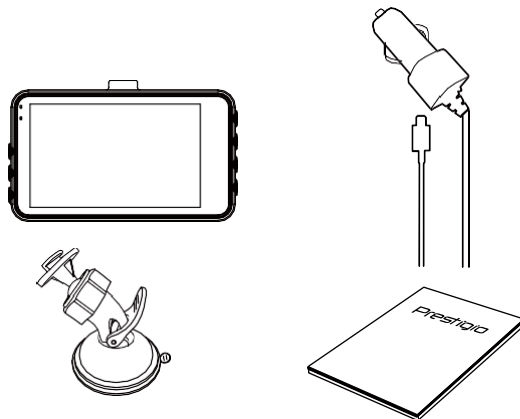
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1. Unboxing

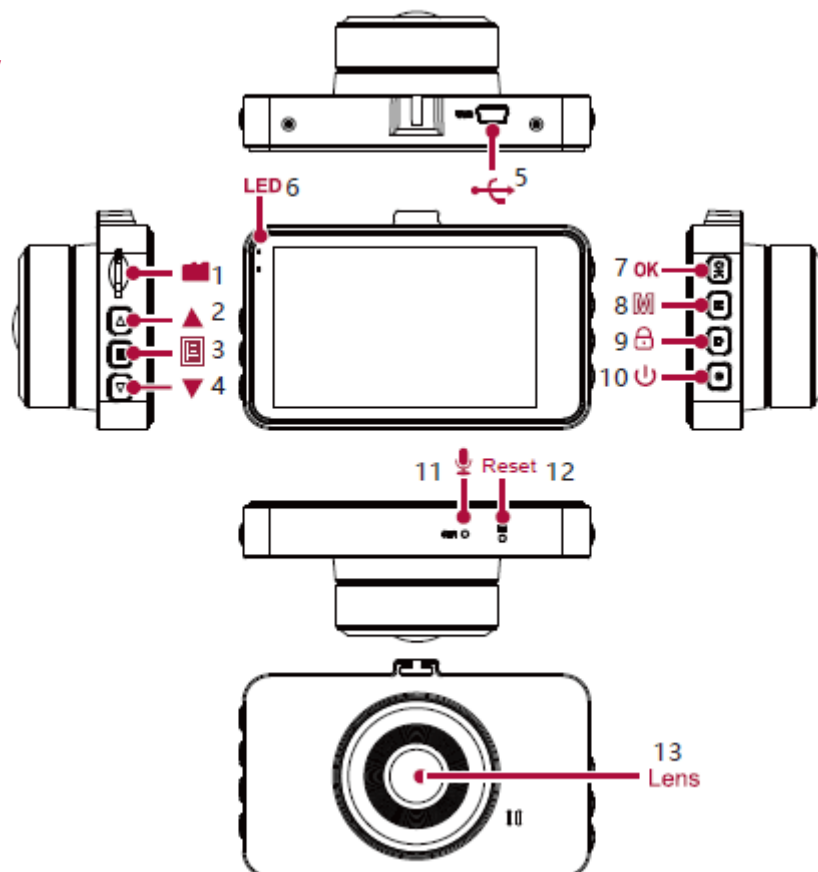
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Inside your package



- Car video recorder
- Suction mount
- Car charger
- Quick start guide

Device overview



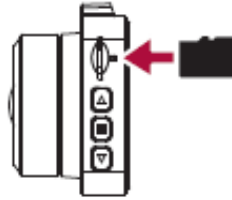
- | | |
|------------------------------|------------------|
| 1. SD cardslot | 8. Mode button |
| 2. Up button | 9. Lock button |
| 3. Menu button | 10. Power button |
| 4. Down button | 11. Microphone |
| 5. Mini USB port | 12. Reset button |
| 6. LED indicator | 13. Lens |
| 7. Record/Playback/OK button | |

2. Getting started

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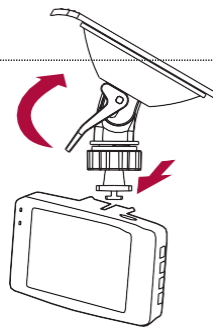
Insert a microSD card

Before starting video recording, please insert a microSD card (not included) into the slot until it locks in place.



The device will automatically recognize it as default storage and all the data will be saved on this card.

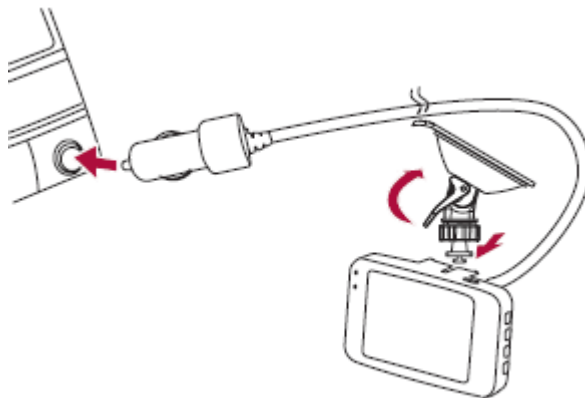
Install the suction mount



1. Match the mounting slots of the device and the suction mount, and press the suction mount until it locks in place.
2. Remove the protection plastic film from the suction cup, and position the device on the clean windshield or dashboard.
3. Hold firmly against the surface and twist the lock knob. The mount will suction and stick firmly onto the surface.

Charge the battery

Before using the device for the first time, please fully charge the Li-ion battery. The battery will be completely charged in 2-3 hours.






- Using the car charger: charge the device through cigarette lighter. The device will start charging after the car engine is turned on.
- Using mini USB cable: connect the device to AC 5V adapter or the USB port of a computer/ laptop.

3. Settings

Before recording, you can set up the device according to your requirements.



- In video/picture preview mode, press []/[] to navigate the menu, press [OK] to confirm the selection, and [] to exit.

Video settings

- **Resolution:** Select the resolution of recorded video: 1080FHD / 1920*1080, 720P / 1280*720.
- **Loop recording:** Video recording is provided in a cyclic order and chosen periods of time. When micro SD card is full then the oldest unprotected files will be replaced by new recorded files.
- **Interval record:** Turn on or off interval recording.
- **HDR:** Turn on or off High Dynamic Range.
- **Exposure:** Set exposure value to determine how much light the camera's sensor receives. For lowlight situations, use a higher exposure.
- **Motion Detection:** DVR automatically starts recording when motion is detected in front of camera. Recording stops when there is no movement any more but a delay of 15-20 seconds. The function works only when power is supplied.
- **Audio Record:** Set to turn the microphone on or off.
- **Date Stamp:** Add date and logo stamp onto videos.


PICTURE SETTINGS

- **Capture Mode:** Select the capture mode from Off/ 2s Delay/ 5s Delay/ 10s Delay.
- **Resolution:** Select the picture image size from 12MP /4032x3040, 10MP /3648x2800, 8MP /3456x2480, 5MP /2592x2016, 3MP /2048x1600, 2MP /1920x1088, 1.3MP /1280x720, VGA /640x480.
- **Sequence:** Select to turn the Sequence on or off. In Sequence mode, several photos are captured in quick succession. This is used mainly when the subject is in successive motion, such as sports.
- **Quality:** Select quality from Fine / Normal / Economy.
- **Sharpness:** Adjust the sharpness.
- **White Balance:** Select an appropriate white balance, so images have a true-to-life color range. It is for specific lighting situations.
- **Color:** Select color from normal / black and white / sepia.
- **ISO:** This controls camera light sensitivity. It is measured in filmcamera equivalents. Low values are for stationary or brightly-lit objects. Higher values are for fast-moving or poorly-lit objects.
- **Exposure:** Set exposure value to determine how much light the camera's sensor receives. For lowlight situations, use a higher exposure.
- **Anti-Shaking:** Minimize blurring and compensate for camera shake.
- **Date Stamp:** Add data and logo stamp onto photos.

GENERAL SETTINGS



In preview mode, press [] to enter general settings.

- **Screen saver:** LCD's backlight will be automatically turned off. After switching off, the working mode of the DVR does not change.
- **Auto Power Off:** The device is automatically turns off when no action is taken with it and no video is recorded. Auto power off works only when power is supplied.
- **Frequency:** For a given luminance, the frequency of light fluctuation that evokes a sensation of flicker. Set a right flickering frequency to avoid horizontal stripe interference.
- **Beep Sound:** Turn on or off beep sound.
- **Language:** Choose your language.
- **Date/Time:** Set date and time on device.
- **Format:** Format the memory card.
 Formatting will erase all your stored data. Back up your data before proceeding.
- **Default Setting:** Restore to default settings.
- **Version:** Display the current system version.

4. Recording

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Record a video

Auto video recording

Connect the device to car charger, when the car engine launches, the device will automatically turn on and start loop video recording. When shut off the car engine, the device will save the last file and turn off.

Manual video recording

In video preview mode, press [OK] button to start and stop video recording.


Record the sound

In preview mode or recording mode, long press [▼] to turn on or off microphone.

Lock a recording video

During recording, press  to lock or unlock the video.

Take a picture


Press  to select the picture mode, and then press [OK] to take photos.

5. File management


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You can manage your videos and pictures in playback mode.

Browse files

1. In video preview mode, press  two times to enter the playback mode.
2. Press [▲]/[▼] to scroll through the files.

Delete a file

Press  to delete one file or all the files, and press [OK] to confirm the deletion.



To delete a protected file, remove the protection first.

Lock and unlock a file

Press  to protect or unprotect the selected file or all.

6. Playback

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Play video on DVR

1. In playback mode, press [▲]/[▼] to scroll through the files.
2. Press [OK] to start playback.
3. Press [▲]/[▼] to slow down or speed up playing.
4. Press [M] again to exit playback mode.

Playback on PC

Remove memory card from DVR and insert it into computer's card reader.



DVR's USB port is for charging purpose only.

7. Specifications

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Display	3.0", IPS, 480 x 800 pixels
Processor	AC5401B
Image sensor	2.0 MP CMOS GC2023
View angle	120°
Video resolution	FullHD 1920x1080@30fps HD 1280x720@30fps
Photo resolution	12 MP
Video codec	AVI
Picture format	JPG
Memory	256 MB, Micro SD/SDHC up to 32 GB (class 10)
Microphone	Built-in
Additional features	Cyclic recording, Motion Detection, G-sensor, High Dynamic Range, OVP
Power source	Built-in battery (180 mAh), car charger
Interfaces	Mini USB (for charging only)
Operating temperature	0 °C ~ 45°C
Dimension	89.2x55x33.9mm (W x H x D)
Weight	79 g